

Lithy

The Urban District of Litherland



ANNUAL REPORTS

of the

Medical Officer of Health

and of the

Chief Public Health Inspector

For the Year 1957

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THE URBAN DISTRICT COUNCIL OF LITHERLAND

TOWN HALL,
LITHERLAND,
LIVERPOOL, 21.
September, 1958.

To THE CHAIRMAN AND MEMBERS
OF THE HEALTH COMMITTEE.

MADAM/GENTLEMEN,

I have pleasure in submitting my Annual Report on the health of the district for 1957.

The infant mortality rate at 28 per 1,000 live births showed an increase on the figure of 19 for 1956, also an increase compared with the figure for England and Wales of 23.0.

There were no cases of Diphtheria notified during the year, and no deaths from Scarlet Fever, Measles or Whooping Cough. The number of new notifications of Pulmonary Tuberculosis was 34, and similar to the previous year. There is thus no room for complacency and determined efforts must still be made to reduce the incidence of this disease. Improved housing and relief of overcrowding will certainly help.

The Health Department was without an Additional Public Health Inspector the whole of the year 1957, but an appointment was made at the end of the year and the new Inspector commenced duties on the 6th January, 1958.

I would like to thank the staff of the Department for their help and the Members of the Health Committee for their continued interest in the health of the district.

I am,

Your obedient servant,

J. G. HAILWOOD,
Medical Officer of Health.

PARTICULARS TO BE INCLUDED IN THE
ANNUAL REPORT OF THE MEDICAL OFFICER OF
HEALTH FOR THE YEAR 1957.

1.—Statistics and Social Conditions of the Area.

Area in acres	...	...	...	...	...	...	1,187.08
Population—Census, 1951	...	...	...	...	...	...	22,197
—Estimated, Mid 1957			...	...	...	...	24,550
No. of inhabited houses (Census, 1951)	...	...	...	...	...	...	5,858
No. of inhabited houses on Rate Books, Dec. 1957						...	7,065
Rateable Value	...	...	...	...	...	...	£211,824
General Rate, 1957/58	...	...	...	...	...	...	18/2d. (Ford Ward — 16/3d.
Sum represented by a penny rate	...	...	...	...	...	...	£853

There is no special report to make on the influence of any particular occupation on public health.

UNEMPLOYMENT.—There are no separate figures at the Labour Exchange as to the extent of the unemployment in the district.

BIRTHS.

The number of children born in the district during 1957 was 431; 233 males and 198 females. This gives a crude Birth Rate of 17.6, adjusted 16.5 per 1,000 of estimated population.

DEATHS.

The total number of deaths during the year 1957 was 248; 130 males and 118 females. This gives a crude Death Rate of 10.1 adjusted 14.5. 248 deaths of Litherland residents occurred outside the district.

INFANTILE MORTALITY

During the year 12 children died who, at the time of their death had not reached the age of one year, 9 of these died in the first 4 weeks of life.

ZYMOTIC DEATHS.

During the year, there were no deaths from Whooping Cough, Diphtheria, Measles, and one from Meningococcal infection.

VITAL STATISTICS.

Home population—Registrar General’s estimate, mid 1957, 24,550

COMPARABILITY FACTORS.

Births ... 0.94				Deaths ... 1.44			
Live Births— 431				Still Births— 13			
M. F.				M. F.			
Total	...	233	198	Total	...	10	3
Legitimate	...	229	190	Legitimate	...	8	3
Illegitimate	...	4	8	Illegitimate	...	2	—
Deaths of Infants under one year				Deaths of Infants under four			
of age—				weeks of age—			
M. F.				M. F.			
Total	...	5	7	Total	...	4	5
Legitimate	...	5	6	Legitimate	...	4	5
Illegitimate	...	—	1	Illegitimate	...	—	—

LITHERLAND U.D.C.

Year	Live Births.		Deaths (all causes).		Stillbirths.		Maternal Mortality.		Infant Mortality		
	No. regis-tered.	Rate per 1,000 popula-tion.	No. regis-tered.	Rate per 1,000 popula-tion.	No. regis-tered.	Rate per 1,000 total births.	No. of deaths regis-tered.	Rate per 1,000 total births.	date per 1,000 live births.	No. of deaths regis-tered.	Neo-Natal. Rate per 1,000 live births.
1957 ...	431 ...	17.6 ...	248 ...	10.1 ...	13 ...	29 ...	Nil ...	Nil ...	28 ...	9 ...	21
"	411 ...	16.9 ...	233 ...	9.6 ...	11 ...	26 ...	Nil ...	Nil ...	19 ...	6 ...	15
"	386 ...	16.0 ...	239 ...	9.9 ...	13 ...	33 ...	Nil ...	Nil ...	23 ...	6 ...	16
"	432 ...	18.3 ...	227 ...	9.6 ...	18 ...	40 ...	1 ...	2.22 ...	21 ...	5 ...	12
"	403 ...	17.9 ...	194 ...	8.6 ...	11 ...	27 ...	Nil ...	Nil ...	32 ...	11 ...	27
"	381 ...	17.0 ...	197 ...	*8.8 ...	4 ...	10 ...	Nil ...	Nil ...	24 ...	6 ...	16
Crude Birth Rate					17.6	Crude Death Rate					10.1

*Adjusted—Live birth-rate (comparability factor, 0.94) — 16.5 per 1,000.

Death-rate (comparability factor, 1.44) — 14.5 per 1,000.

Age at date of Inoculation	22 1935	21 1936	20 1937	19 1938	18 1939	17 1940	16 1941	15 1942	14 1943	13 1944	12 1945	11 1946	10 1947	9 1948	8 1949	7 1950	6 1951	5 1952	4 1953	3 1954	2 1955	1 1956	Under 1 1957	Total
Under 1 yr.	—	—	—	—	—	1	1	—	23	7	2	2	168	17	134	148	150	121	135	125	156	158	177	
1-2 years	11	6	2	5	9	14	44	118	144	115	209	189	118	262	181	108	137	98	34	152	139	66	54	
2-3 "	21	5	9	10	6	21	37	96	51	23	31	41	37	32	11	29	17	18	26	29	26	14	9	
3-4 "	22	9	8	1	11	23	30	86	55	10	20	15	12	7	11	17	18	6	9	16	26	8	9	
4-5 "	30	10	12	16	10	26	31	63	59	7	11	9	7	10	10	10	13	4	7	12	17	2	2	
5-6 "	47	38	29	30	31	63	59	55	35	5	19	2	5	6	12	44	38	16	41	17	35	2	2	
6-7 "	51	17	16	29	14	35	41	46	38	1	19	11	3	8	11	41	28	17	32	48	38	1	4	
7-8 "	41	24	14	13	10	11	27	22	30	7	12	2	—	2	13	30	16	4	11	30	25	—	1	
8-9 "	40	40	9	9	16	16	24	14	25	6	8	3	2	1	10	28	34	—	8	10	41	—	—	
9-10 "	36	31	18	12	12	9	19	16	24	3	7	2	—	—	12	23	27	2	2	14	20	—	—	
10-11 "	55	41	9	8	9	11	21	9	25	8	5	5	1	1	7	23	15	5	—	20	16	—	1	
11-12 "	30	37	9	3	4	6	18	8	9	2	8	4	—	—	—	13	24	1	1	3	5	1	—	
12-13 "	21	21	4	4	2	9	9	13	8	1	2	7	1	—	—	3	11	—	1	2	3	—	—	
13-14 "	11	14	7	6	1	9	8	1	8	1	1	3	—	—	—	5	8	—	—	—	6	—	—	
14-15 "	—	1	—	—	—	—	1	—	—	—	—	1	—	—	—	3	5	—	—	—	3	—	—	
15 & over	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	2	2	1	2	—	—	1	—	
not known	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totals	416	294	146	146	135	255	370	547	534	196	354	296	354	346	412	527	543	293	409	478	556	253	259	8119

under
five
years
1230

5-10
years
2269

10-15
years
1826

Over
15 yrs
2194

CAUSES OF DEATH IN LITHERLAND URBAN DISTRICT, 1957.

As supplied by General Register Office, Somerset House.

<i>Causes of Death.</i>						<i>M.</i>		<i>F.</i>
1.	Tuberculosis, respiratory	...	...	...	...	4	...	1
2.	Other Tuberculosis Diseases	...	...	...	...	—	...	—
3.	Syphilitic disease	...	...	...	...	—	...	—
4.	Diphtheria	...	...	...	...	—	...	—
5.	Whooping cough	...	...	...	...	—	...	—
6.	Meningococcal infections	...	...	...	...	1	...	—
7.	Acute poliomyelitis	...	...	...	...	—	...	—
8.	Measles	...	...	...	...	—	...	—
9.	Other infective and parasitic diseases	...	...	...	...	—	...	—
10.	Malignant neoplasm, stomach	...	...	...	...	5	...	1
11.	Malignant neoplasm, lung bronchus	...	...	...	...	13	...	2
12.	Malignant neoplasm, breast	...	...	...	...	—	...	1
13.	Malignant neoplasm, uterus	...	...	...	...	—	...	1
14.	Other malignant and lymphatic neoplasms	...	...	...	...	7	...	10
15.	Leukaemia, Aleukaemia	...	...	...	...	1	...	1
16.	Diabetes	...	...	...	...	1	...	1
17.	Vascular lesions of nervous system	...	...	...	...	22	...	21
18.	Coronary diseases, angina	...	...	...	...	25	...	20
19.	Hypertension, with heart disease	...	...	...	...	3	...	8
20.	Other heart disease	...	...	...	...	13	...	12
21.	Other circulatory disease	...	...	...	...	1	...	—
22.	Influenza	...	...	...	...	1	...	2
23.	Pneumonia	...	...	...	...	8	...	13
24.	Bronchitis	...	...	...	...	9	...	4
25.	Other diseases of respiratory system	...	...	...	...	2	...	1
26.	Ulcer of stomach and duodenum	...	...	...	...	1	...	—
27.	Gastritis, enteritis and diarrhoea	...	...	...	...	—	...	—
28.	Nephritis and nephrosis	...	...	...	...	—	...	2
29.	Hyperplasia of prostate	...	...	...	...	1	...	—
30.	Pregnancy, childbirth and abortion...	...	...	...	...	—	...	—
31.	Congenital malformations	...	...	...	...	1	...	1
32.	Other defined and ill-defined diseases	...	...	...	...	6	...	14
33.	Motor vehicle accidents	...	...	...	...	—	...	—
34.	All other accidents...	...	...	...	...	5	...	1
35.	Suicide	...	...	...	...	—	...	—
36.	Homicide and operations of war	...	...	...	...	—	...	—
All causes						130	...	118

ANNUAL REPORTS OF MEDICAL OFFICERS OF HEALTH 1957.

Vital Statistics.

Birth and death-rates, together with case rates for certain infectious diseases, for England and Wales in the year 1957.
(Provisional figures based on Registrar-General's Weekley and Quarterly Returns).

Estimated home population mid 1957				—	44,907,000
				No.	Rate per 1000 home population
Births—					
Live Births	.....	.....	.....	722,952	16.1
Stillbirths	.....	.....	.....	16,554	(0.37 (22.4(a))
Deaths—					
All causes	.....	.....	.....	514,946	11.5
Tuberculosis (all forms)	.....	.....	.....	4,784	0.11
Respiratory	.....	.....	.....	4,250	0.09
Non-Respiratory	.....	.....	.....	534	0.01
Cancer (all forms)	.....	.....	.....	94,007	2.09
Lung and bronchus	.....	.....	.....	19,118	0.43
Other cancer	.....	.....	.....	74,889	0.67
Maternal Mortality (total)	.....	.....	.....	349	0.47(a)
Maternal causes (excluding abortion)	.....	.....	.....	288	0.39(a)
Due to abortion	.....	.....	.....	61	0.08(a)
Infant Mortality	.....	.....	.....	16,641	23.0(b)
Neo-natal mortality	.....	.....	.....	11,904	16.5(b)
Notifications (Corrected)—					
Typhoid fever	.....	.....	.....	123	0.00
Paratyphoid fever	.....	.....	.....	310	0.01
Meningococcal infection	.....	.....	.....	1,031	0.02
Scarlet fever	.....	.....	.....	29,544	0.66
Whooping Cough	.....	.....	.....	85,004	1.89
Diphtheria	.....	.....	.....	40	0.00
Erysipelas	.....	.....	.....	3,585	0.08
Smallpox	.....	.....	.....	4	0.00
Measles	.....	.....	.....	633,596	14.11
Pneumonia	.....	.....	.....	32,697	0.73
Acute Poliomyelitis—					
Paralytic	.....	.....	.....	3,175	0.07
Non-paralytic	.....	.....	.....	1,666	0.04
Acute Encephalitis—					
Infective	.....	.....	.....	170	0.00
Post-infectious	.....	.....	.....	155	0.00
Dysentery	.....	.....	.....	28,898	0.64
Food Poisoning	.....	.....	.....	9,146	0.20
Puerperal pyrexia	.....	.....	.....	11,831	0.26
Tuberculosis—					
Respiratory	.....	.....	.....	29,310	0.65
Meninges and C.N.S.	.....	.....	.....	326	0.01
Other	.....	.....	.....	3,481	0.08

(a) Per 1,000 total (live and still) births.

(b) Per 1,000 live births.

HEALTH DEPARTMENT,
East Cliff County Offices,
PRESTON.

2.—General Provision of Health Services for the Area.

HOSPITALS.

There are no hospitals in the district. Infectious diseases are admitted to Hospitals in Liverpool. General Medical and General Surgical cases are removed to the General Hospitals of Liverpool, Bootle, Waterloo and Alder Hey. Children are admitted to the Liverpool Childrens Hospital also to Alder Hey Hospital.

TUBERCULOSIS.

This work is administered by the Liverpool Regional Hospital Board, the Tuberculosis Dispensary being situated at "Ellesmere," Crosby Road North, Waterloo. Home visiting of patients is carried out by nurses under the supervision of the Lancashire County Council, working from the above Dispensary.

VENEREAL DISEASES.

Patients make their own arrangements with the Liverpool Hospitals.

MATERNITY.

There is no Maternity Hospital in the district, but the Liverpool and Ormskirk Hospitals are available.

MIDWIVES.

There are two Midwives on the County Council Register and practising in the district.

MATERNAL MORTALITY.

No special arrangements have been made for the investigation of maternal deaths, and cases of Puerperal Fever or Puerperal Pyrexia; this work is carried out by the Lancashire County Council.

NATIONAL ASSISTANCE ACT, 1948.

There were no applications for assistance during the year.

CLINIC AND TREATMENT CENTRES.

This work is administered by the Lancashire County Council. The Clinics are situated at Sefton Road and Sefton Avenue, Litherland, and provide for:—

HEALTH VISITORS, SCHOOL NURSES.

There are four nurses employed in these duties, visiting homes and schools, as well as attending the welfare clinics.

MATERNITY AND CHILD WELFARE	Sefton Avenue, Litherland.
ANTE-NATAL 	Sefton Avenue, Litherland.

SCHOOL CLINICS—

Dental 	Sefton Road, Litherland.
Ophthalmic	Sefton Road, Litherland.
Minor Ailments 	Sefton Road, Litherland.
Orthopaedic 	Sefton Avenue, Litherland.
Speech Therapy 	Sefton Avenue, Litherland.

A Day Nursery was opened on April 10th, 1943, to accommodate 50 children. It has proved a success and met a wartime need of some urgency. Consequently, an extension was opened on the 21st June, 1944, for 40 children. The Nursery is open from Monday to Friday 7 a.m. to 7 p.m., and on Saturday from 7 a.m. to 1 p.m. Children of the age of 12 months to 5 years are accepted. This nursery is administered by the County Council.

PROFESSIONAL NURSING IN THE HOME.

Two District Nurses visit on request of the Medical Practitioners by arrangement. This service is administered by the County Council.

DOMESTIC HELP SERVICE.

This service is administered by the County Council, and Home Helps can be obtained in cases of illness on application to the Divisional Medical Officer or through the Litherland Health Department.

AMBULANCE FACILITIES.

Ambulance Services are provided by the Lancashire County Council from Depots in Crosby and Ormskirk.

PATHOLOGICAL AND BACTERIOLOGICAL EXAMINATIONS.

Sputum.—These specimens are sent direct to Lancashire County Council Tuberculosis Dispensary, by Medical Practitioners.

Blood, Throat Swabs, etc.—Sent direct by Medical Practitioners to Liverpool University, Bacteriological Department.

Milk—Ten samples were submitted to Liverpool University, and ten samples of Ice Cream.

3.—Sanitary Circumstances of the Area.

WATER SUPPLY.

The water supply is obtained from the City of Liverpool; the chief source is Lake Vyrnwy in Wales. The water is excellent in quality, and there is a constant supply for all purposes. The number of houses supplied direct from the public mains is approximately 7,065. There has been no analysis during the year; this work is carried out by Liverpool Corporation. Complaints of discolouration and sediment also fresh water shrimps were reported to Liverpool Corporation and received prompt attention. The whole of the dwelling-houses are supplied from the public water mains direct to the houses.

DRAINAGE AND SEWAGE.

The sewage (which is dealt with on the combined system) is discharged without treatment into the Rimrose Brook sewer and finally into the River Mersey.

RIVERS AND STREAMS.

No action has been necessary to check pollution of rivers and streams and no new works have been established to cause pollution.

Closet accommodation at the end of 1957:—

No. of Houses on the Water carriage system approximately 7,055

SCAVENGING.

This work is carried out by the Public Health Department, under the supervision of the Chief Public Health Inspector, and is working satisfactorily. Refuse is conveyed by motor vehicles to the Council's tips, situated in Beach Road, Litherland. The fleet comprises two "Paxit" and one "Low Loader."

SANITARY INSPECTIONS DURING 1957.

No. of premises visited	...	...	...	...	1,373
Defects or Nuisances—					
No. discovered	...	...	...	...	1,113
No. abated	...	...	...	...	1,064
No. of Notices served—					
Informal	...	...	...	...	434
Abatement	...	...	...	...	2
Legal Proceedings	...	...	...	...	Nil

OFFICES AND SHOPS ACT, 1950.

No statutory action has been necessary; sanitary defects, and improvements have been carried out as required, hot water supplies have been installed etc.

CAMPING SITES.

There were no licences issued for camping sites during the year.

SWIMMING BATHS AND POOLS.

There are no Swimming Baths or Pools within the District.

DISINFESTATION.

One hundred and nineteen houses were disinfested during the year.

SCHOOLS.

The Schools have been disinfected after the holidays. There was no closing of schools as a result of infection during the year.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYE-LAWS OR REGULATIONS.

There are no Common Lodging Houses; Houses let in Lodgings; Tents, or Sheds, or Underground Sleeping Rooms in the district.

OFFENSIVE TRADES.

There are two Tanneries, and eleven Fish and Chip Potato premises in the district; these are inspected from time to time.

THE RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

There are no premises in the district in which Rag Flock is manufactured or sold.

CANAL BOATS.

There are no canal boats used as permanent residences in the district.

4.—Housing.

STATISTICS FOR THE YEAR 1957.

There were 76 houses and 4 flats built during the year by the Council, also two houses and three flats by other persons.

HOUSING ACT, 1936.

Twenty four houses were demolished during the year and fifty one persons were rehoused.

GENERAL OBSERVATIONS ON OVERCROWDING.

There is still a serious shortage of houses for all classes of people in the district. There is no information available from the Housing Department, as to the number of families living in overcrowded conditions, or the number of cases relieved of overcrowding during the year.

5.—Inspection and Supervision of Food.

MILK SUPPLY.

The Dairies and Milk Shops within the district are periodically inspected.

Ten samples were obtained from persons selling milk within the district, and sent for Bacteriological examination.

FOOD AND DRUGS ACT, 1955. (SAMPLES OBTAINED BY THE COUNTY SAMPLING OFFICER).

A total of 139 samples was obtained, consisting of 118 samples of milk and 21 samples other than milk, comprising: 1 Bread; 4 Cheese; 1 Crab—potted; 1 Fish paste; 1 Salmon—potted; 3 Butter; 1 Beef sausages; 2 Flour; 1 Fruit Salad; 1 Golden raising powder; 1 Lard; 1 Pork Sausages; 3 Tea.

All the samples were submitted for analysis to the County Analyst who reported that they were genuine with the exception of the two samples of milk detailed below:

<i>Sample No.</i>	<i>Type</i>	<i>Result of Analysis</i>	<i>Action taken</i>
S.8262	Milk	Freezing point indicated presence of 2.6% of extraneous water.	Vendor cautioned, and further sample obtained.
S.9534	Milk	Freezing point indicated the presence of 3.3% extraneous water.	Vendor cautioned and further samples obtained.

MEAT AND OTHER FOODS.

The food exposed for sale or prepared in the district has been examined from time to time. The premises and shops have been kept in a cleanly state.

BAKEHOUSES.

There are twelve bakers and confectioners in the district; the premises are in a sanitary condition, clean and well kept; alterations repairs have been carried out during the year.

ANNUAL RETURN OF FOOD POISONING NOTIFICATIONS (CORRECTED).

1. *Local Authority* Litherland, Liverpool, 21, Year 1957.

2. *Food Poisoning Notifications (Corrected) Returned to R.G.*

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total
Nil	...	Nil	...	Nil

3. *Outbreaks Due to Identified Agents.*

†Total Outbreaks	Nil	Total Cases	Nil
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Outbreaks due to:—

(a) Chemical Poisons	Nil	(d) C.1. botulinum	Nil
(b) Salmonella Organisms	Nil	(e) Other Bacteria	Nil
(c) Staphylococci (including toxin)	Nil		

4. *Outbreaks of Undiscovered Cause.*

Total Outbreaks	Nil	Total Cases	Nil
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5. †*Single Cases.*

Agent identified	Nil	Total	Nil
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6.—Prevalence of and Control over Infectious Disease.

193 cases of infectious diseases were notified during the year (see Tables of Notifiable Diseases) on pages 18/20.

DIPHTHERIA IMMUNIZATION.

Immunization against Diphtheria is carried out by the County Council at each session of the Infant Welfare Centre, Sefton Avenue, and Sefton Road, Mondays and Wednesday. 206 cases were completed during the year, also 68 Booster Doses. Immunization is also carried out in the schools in the district regularly.

Immunization against Diphtheria commenced on 17th May, 1935; during this period 8,066 cases have been immunized in the district.

There were no cases of diphtheria notified during the year.

VACCINATION.

Vaccination is available at every session of the child welfare clinic at Sefton Avenue; this work is also carried out by the General Practitioners under the National Health Service. There were 301 Primary

Vaccinations performed, during the year.

SCARLET FEVER.

There were sixteen cases of Scarlet Fever during the year, a decrease of sixteen on last year; there were no deaths from this disease, which continues to be a mild disease.

MALARIA.

There were no cases notified during the year.

TYPHOID FEVER (INCLUDING PARA-TYPHOID).

There were no cases of Para-Typhoid fever during the year.

TUBERCULOSIS.

Total number of cases added to the local Register during 1957 was 34, 33 Respiratory and 1 non Respiratory.

No action has been necessary in respect of Tuberculosis employees in the Milk Trade or to Section 172 Public Health Act, 1936, for removal to Hospital of infectious persons suffering from Pulmonary Tuberculosis.

MEASLES.

Measles show a decrease during the year 77 cases being notified as against 757 in 1956; there were no deaths due to Measles, but it still continues to be one of the serious infectious diseases of childhood.

WHOOPING COUGH.

58 Cases were notified during the year, as against 146 in 1956. There were no deaths due to this disease, but it continues to be one of the serious infectious diseases of childhood.

SCABIES.

There were no cases dealt with during the year.

GENERAL.

There have been no reports made under Article 17(7) Sanitary Officers (Outside London) Regulations, 1935, which refers to Plague, Cholera, Smallpox or any serious outbreak of disease in the district. It has not been necessary to close the schools during the year because of infectious disease.

DISINFECTION.

There were 17 houses disinfected during the year after Infectious Disease, and sickness including Tuberculosis. Several articles were disinfected at the Council's Disinfector (a Washington Lyons Type) situated in the Council's yard, Field Lane.

There is no arrangement for bathing verminous persons, etc. Disinfestation has been carried out at 119 houses.

Notifiable Diseases, 1957

Number of cases of Infectious Diseases notified and number of deaths from these diseases.

	TOTAL CASES NOTIFIED											TOTAL DEATHS
NOTIFIABLE DISEASES	Total cases at all ages	Age Periods — Years										
		0–	1–	2–	3–	4–	5–	10–	15–	25 and over	Age un-known	
Scarlet Fever	16	Nil	1	1	.....	2	9	2	1	.....	.....	Nil
Whooping Cough	58	3	4	6	9	12	19	2	.....	3	.....	Nil
Acute Poliomyelitis												
Paralytic	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	Nil
Non-paralytic	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	Nil
Measles (exclud'g rubella)	77	5	14	16	19	4	19	.....	.....	.....	.....	Nil
Diphtheria	Nil	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Nil
Dysentery	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	Nil
Meningococcal infection	Nil	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Nil
Ophthalmia neonatorum	Nil	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Nil
		0	5	15	45	65 and over	Age unknown					
Acute pneumonia, (prim. and infl'zal)	5	.....	.....	3	1	1	.....					2
Smallpox	Nil	.....	.....	.....	.....	.....	.....					Nil
Acute encephalitis—												
Infect ve	Nil	.....	.....	.....	.....	.....	.....					Nil
Post-infectious	Nil	.....	.....	.....	.....	.....	.....					Nil
Enteric or typhoid fever	Nil	.....	.....	.....	.....	.....	.....					Nil
Paratyphoid fevers	Nil	.....	.....	.....	.....	.....	.....					Nil
Erysipelas	Nil	.....	.....	.....	.....	.....	.....					Nil
Food poisoning	Nil	.....	.....	.....	.....	.....	.....					Nil
Tuberculosis—												
Respiratory	33	Nil	2	18	9	4	Nil					5
Meninges and C.N.S.	Nil	.....	.....	.....	.....	.....	.....					Nil
Other	1	.....	.....	1	.....	.....	.....					1
Puerperal pyrexia	Nil	.....	.....	.....	.....	.....	.....					Nil
Other notifiable diseases (specify)	Nil	.....	.....	.....	.....	.....	.....					Nil

INFECTIOUS DISEASES.

193 cases of Infectious Disease were notified during the year 1957
including Tuberculosis.

	CASES NOTIFIED									
	1957	1956	1955	1954	1953	1952	1951	1950	1949	1948
Smallpox	Nil	Nil	Nil	Nil	Nil	...	...	...	...	...
Scarlet Fever	16	32	25	30	24	9	19	37	28	47
Diphtheria	Nil	Nil	Nil	Nil	Nil	...	...	...	1	2
Enteric or typhoid fever (excluding paratyphoid)	Nil	...	Nil	Nil	Nil	...	...	...	...	...
Paratyphoid fever	Nil	3	3	Nil	Nil	...	7	...	...	...
Measles (excluding rubella)	77	757	147	226	444	175	379	421	210	254
Whooping cough	58	146	92	57	174	17	134	140	98	10
Acute pneumonia (primary and influenzal)	5	1	Nil	2	5	5	8	10	2	4
Puerperal pyrexia	Nil	1	Nil	Nil	Nil	4	1	...	...	2
Meningococcal infection	Nil	1	1	Nil	1	Nil	1	...	...	...
Acute Poliomyelitis—										
Paralytic	1	1	Nil	Nil	Nil	Nil	Nil	3	2	...
Non-paralytic	1	Nil	Nil	1	Nil	Nil	Nil	...	...	...
Acute encephalitis—										
Infective	Nil	Nil	Nil	Nil	Nil	Nil	Nil	...	...	...
Post-infectious	Nil	Nil	Nil	Nil	Nil	Nil	Nil	...	...	...
Dysentery	1	4	4	Nil	16	Nil	3	...	4	3
Ophthalmia neonatorum	Nil	Nil	Nil	Nil	1	1	Nil	...	1	...
Erysipelas	Nil	1	1	2	1	Nil	2	1	1	1
Malaria—										
Contracted in England and Wales	Nil	Nil	Nil	Nil	...	Nil	...	...	...	1
Abroad	Nil	Nil	Nil	...	...	1	...	...	...	...
Food poisoning	Nil	Nil	1	1	1	1	Nil	...	...	...
Tuberculosis—										
Respiratory	33	34	31	...	...	...	...	...	...	...
Meninges and C.N.S.	Nil	...	...	...	...	...	...	...	...	...
Other	1	5	2	...	...	...	...	...	...	...
Any other diseases notifiable in district, e.g.—										
Any other diseases (specify)*										
*Cerebro-spinal fever	Nil	...	...	...	Nil	Nil	Nil	...	2	3
Anthrax	Nil	...	...	...	Nil	Nil	Nil	...	...	...
Gastro-enteritis	Nil	...	...	...	Nil	Nil	Nil	...	...	2
Canicol Fever	Nil	...	...	1	...	...	...	...	...	...
	193	956	307	320	667	213	554	612	349	329

TUBERCULOSIS.

NEW CASES AND MORTALITY DURING 1957 (Local Register).

AGE PERIODS.				NEW CASES.				DEATHS.			
				Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
				M	F	M	F	M	F	M	F
Years	0	...	...	...	...	...	...	...	...	...	...
	1	...	...	...	...	...	...	...	...	...	...
	3	...	...	...	...	...	...	...	...	...	...
	5	...	...	1	...	...	...	...	...	...	...
	10	...	...	...	1	...	...	...	...	...	...
	15	...	...	2	5	...	...	...	...	...	...
	25	...	...	6	5	1	1	...	...	...	1
	45	...	...	6	5	...	...	1	1	...	...
	65 and over	...	...	3	...	...	...	4	...	...	...
	Age not known	...	...	...	...	...	...	...	...	...	...
TOTALS	...			18	16	1	1	5	1	Nil	1

Total number of new cases added to the local Register during 1957 was 36. 34 Respiratory and 2 Non-Respiratory.

TUBERCULOSIS.
NEW CASES AND MORTALITY DURING 1957 (Local Register).

Years	NEW CASES.				DEATHS.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M	F	M	F	M	F	M	F
1957	18	16	1	1	5	1	Nil	1
1956	19	15	2	3	5	2	Nil	Nil
1955	25	12	Nil	2	9	1	Nil	Nil
1954	22	33	2	2	6	3	Nil	Nil
1953	32	13	1	1	5	3	...	...
1952	19	24	1	1	9	3	1	...
1951	14	15	...	2	5	5	...	...
1950	21	24	5	3	8	9	...	...

There were no cases of non-notified Tuberculosis death.

There is no evidence of excessive incidence of, or mortality from Tuberculosis in any particular occupation in the district.

7.—Maternity and Child Welfare.

The whole of this work is carried out by the Lancashire County Council at Sefton Avenue, and Sefton Road, Litherland.

OPHTHALMIA NEONATORUM.

This work is carried out by the Lancashire County Council; there were no cases notified during the year.

The Urban District Council of Litherland.

ANNUAL REPORT OF THE Chief Public Health Inspector 1957

To THE CHAIRMAN AND MEMBERS
OR THE HEALTH COMMITTEE.

September, 1958.

LADIES/GENTLEMEN,

Health Report

I have the honour to present my Annual Report for the year ending 31st December, 1957, together with the particulars of the work done and the improvements effected thereby.

During the year a large dairy has been re-sited and modernized, a new building has been erected, with new boilers, new milk storage tanks, new churn washer, also an automatic oil firing furnace. A shop has been provided in the building also office accommodation, with extra toilets for the staff, the cost is approximately £9,000. A Laboratory is contemplated next year.

During the year the Clean Air Act, 1956, came into operation, also the Rent Act, 1957.

HOUSING. There were seventy-eight new houses and seven new flats built during the year.

SLUM CLEARANCE. Twenty four houses were demolished during the year, this meant the displacement of eighteen families and fifty one persons. Two houses (border line cases) which would have been considered for slum clearance later, were repaired at cost of over £600 and are now in good condition; two other smaller type houses the roofs of which had been continually in a state of disrepair, have been stripped and reslated.

ATMOSPHERIC POLLUTION Complaints are still being received from one Factory regarding smoke fumes and vibration from a rotary furnace, during the process involving the poling of molten copper. Alterations have been carried out during the year at a cost of approximately £10,000, this has been a great improvement, yet not satisfactory and experiments are still being carried out to try and eliminate the nuisance. Consultations and inspections have taken place with the Manager and his Deputy, also with the District Inspector of the Ministry of Housing and Local Government, under the Alkali etc., Works Regulation Act. One factory has replaced a boiler with a new Bennis chain grate stoker at a cost of approximately £2,000.

STAFF. Mr. T. Sutton, Additional Public Health Inspector resigned his appointment in December, 1956, and despite several advertisements, the vacancy was not filled until January, 1958; there have been five inspectors in eleven years, the above appointment terminated within

twelve months, this lack of continuity takes up a lot of time; when a new appointment is made the inspector has to become familiar with the new district, also the duties which vary with different authorities.

INSPECTION OF THE DISTRICT, NOTICES SERVED, Etc.

During the year 3,591 inspections and re-inspections were made in reference to complaints and housing.

It was necessary in numerous instances, however, to interview and write to the persons concerned, drawing their attention to notices which had not received prompt attention.

There were 534 Informal Notices and letters, etc., referring to nuisances and general dilapidations served, and in due course complied with.

Authority was granted to serve two Abatement Notices, which were complied with.

HOUSING INSPECTIONS.

At the request of the Housing Department a total of 201 houses were inspected during the year, 143 Council houses and 58 privately owned houses, to ascertain if they were clean and free from vermin before removal of the occupants to Council houses, or exchanges in Council houses or to privately owned houses.

CLEARANCE AREAS (HOUSING ACT, 1936, AND HOUSING REPAIRS AND RENTS ACT, 1954). Sixteen unfit dwelling houses were demolished during the year, the number of persons displaced was thirty-nine.

HOUSES NOT IN CLEARANCE AREAS. Twenty-six unfit dwelling houses were demolished during the year, the number of persons displaced was seventy nine.

SCHOOLS.—W.C. accommodation and water supply at the schools is satisfactory.

INSPECTION OF THE FOOD SUPPLY.—The food exposed for sale in the district has been inspected from time to time. Meat shops and food preparing places are inspected periodically.

Handling of unwrapped food is still prevalent despite advice and propaganda.

A total of 6 cwt. 2 qrs. 1 lb. of food was condemned as unfit for human consumption during the year.

SLAUGHTER-HOUSES. There are no slaughter houses in the district.

CLEAN FOOD CAMPAIGNS. Talks on Food Hygiene had been given to Canteen personnel. Posters received from the Ministry have been exhibited in Canteen and Food Premises.

MILK SUPPLIES

There are eight retail distributors of milk in the district four with premises outside the district.

There is one dairy which has a pasteurization plant and extensions are in progress. An automatic conveyor was fixed from the washing machine to the bottling machine, also a bottle washing machine was also fixed during the year. There are no cows kept in the district, and there are 37 shops in the district selling bottled milk and on the whole a fairly high standard of cleanliness is obtained, 56 visits were made during the year.

MILK AND DAIRIES REGULATIONS, 1949-54

No. of distributors registered by the Local Authority.

(a) Dairies in the district	...	...	...	...	...	1
(b) Shops in the district selling milk	...	...	...	...	...	38
(c) Premises outside the district	.....	...	...	...	...	4

Milk (Special Designations) (Raw Milk) Regulations, 1949-54

Dealers Licences including Supplementary Licences

Tuberculin Tested Milk	14
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Milk (Special Designation) (Pasteurized and Sterilized Milk) Regulations, 1949.

Retail distributors	(a) "Pasteurized"	...	...	...	9
	(b) "Sterilized"	...	...	...	31

BACTERIOLOGICAL SAMPLES.

MILK SAMPLES—Ten samples were submitted for examination. The Bacteriologist report shows that all samples were satisfactory to the "Methylene Blue Test" the "Phosphatase Test" and to the Turbidity test.

ICE CREAM SAMPLES—Ten samples of ice cream were sent for "Bacteriological Examination".

The results of the samples are as follows:—

Provisional Grade 1 — 8 samples

„ „ 2 — 2 „

FOOD AND DRUGS SAMPLES—Twelve samples of milk were taken under the Food and Drugs Act, 1938-1950; all samples were reported "Genuine."

FISH FRYING SHOPS AND WET FISH SHOPS.—Fifty seven visits were paid to fish frying shops and wet fish shops, which were maintained in a generally satisfactory condition.

SMOKE ABATEMENT.—Visits to factories have been made where black smoke and grit have been excessive; interviews between managers, engineers and stokers have taken place and advice given. Complaints of obnoxious fumes from a factory received attention. One factory has improved the fume trunks and also reduced the vibration from a Rotary Furnace and one factory has fixed a new Bennis Chain Grate Stoker, costing £2,000. The larger industries find employment for approximately 3,365 persons.

DRAINAGE AND SEWERAGE—The Sewerage (which is on the combined system) is discharged without treatment into the Rimrose Brook Drainage system and finally discharged into the River Mersey.

REFUSE COLLECTION.—This work is carried out under the supervision of the Sanitary Department; three gangs, with three vehicles are used, a much improved service has been given to the new extended area.

The fleet comprises two Paxits and one Low Loader. Gullies are emptied by hand.

One hundred and sixteen new refuse bins were provided during the year, exclusive of Council property.

DISINFESTATION—One hundred and nineteen houses were disinfested during the year by means of spraying D.D.T. in Zaldecide and sulphur candles, with success. The disinfestations included bugs, (eight from Council houses and nine from other houses) cockroaches, and, earwigs, fleas, wood lice, wasps and bees.

One of the tanneries was infested with small flies which gained access to houses and shops in the area, treatment with IZAL sprayed was satisfactory.

Clothing and bedding were taken to the Council's Steam Disinfector.

Three dead dogs and seven dead cats were removed during the year.

PREVENTION OF DAMAGE BY PESTS ACT, 1949.—

RODENT CONTROL—This work has been carried out in accordance with the Ministry of Agriculture and Fisheries direction.

PROPERTIES INSPECTED	...	...	...	528
Local Authority	...	...	...	37
Private Dwellings	...	...	...	362
Business Premises	...	...	...	120
Agricultural Premises	...	...	...	9

TOTAL 528

INFESTED PROPERTIES TREATED	...	...	182
Local Authority	...	...	9
Private Dwellings	...	...	138
Business Premises	...	...	32
Agricultural Premises	...	...	3

TOTAL 182

<i>Infestations Notified</i>	<i>Private Dwellings</i>	<i>Business Premises</i>	<i>Local Auth. Property</i>	<i>Agricul. Property</i>	<i>Totals</i>
Infestations Notified	80	25	Nil	1	106
Found on Inspection	58	7	9	2	76
	138	32	9	3	182

SEWERS—Two sewer treatments, including test-baiting were carried out during the year (i.e.) March and September, in accordance with the Ministrys instructions. An Inspector of the Ministry visited the district whilst treatment was in progress and satisfied himself that the work was carried out as directed by the Ministry, thus enabling the Local Authority to receive assistance.

A further reduction in infested systems was received. Only two sections had to be treated, and in both cases satisfactory results were obtained. The Warfarin treatment was used for the first time in the sewers, and was found to be very satisfactory.

A summary of treatments, and destruction of rodents, is as follows:—

		<i>Treatments.</i>		<i>Destruction (approx.)</i>	
		<i>Rats.</i>	<i>Mice.</i>	<i>Rats.</i>	<i>Mice.</i>
Private Dwellings	...	19	121	...	54 684
Business Premises	...	8	25	...	81 297
Agricultural Premises	...	3	—	...	23 —
Local Authority	...	5	4	...	11 20
Sewers	...	2	—	...	20 —
		—	—	...	—
Totals	...	37	150	...	189 1,001
		—	—	...	—

Council Property receiving treatment included the Town Hall, Yards and Buildings, Allotments and Building Sites. All infestations were of a minor degree.

WARFARIN.—All surface infestations were again treated with Warfarin successfully, and required only one treatment.

COUNCIL HOUSING ESTATES.—A survey and inspection of poultry runs on the Council Estates was carried out during the year, no rodent infestations were found. The premises were found to be satisfactory.

TENTS, AND SHEDS.—There is no recognised camping site in the district, and no action was necessary during the year.

CARAVANS.—attached to Fair Grounds were supervised during their stay in the district; pail closets and refuse collection were satisfactorily dealt with by the Local Authority.

SUPERVISION OF INFECTIOUS DISEASES—Nine visits were paid to houses where Infectious Diseases had occurred and the necessary enquiries made into each case, also a sanitary survey was made of the premises, notices served where necessary for various defects, and work was carried out, and six re-visits were paid to ensure that the work was carried out. The schools have been thoroughly disinfected during the year. The head teachers have been notified regarding children attending the schools where infectious disease had occurred, also after disinfection.

FACTORIES ACT, 1937 and 1948.

Annual Report of the Medical Officer of Health in respect of the
Year 1957 for the Urban District of Litherland in the County of
Lancaster.

PART I OF THE ACT.

1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of		Occupiers prosecuted (6)	M/c line No. (7)
			Inspections (4)	Written notices (5)		
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	1	21	45	Nil	Nil	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	2	50	152	Nil	Nil	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority † (excluding out-workers' premises) ...	3	6	14	Nil	Nil	3
TOTAL ...		77	211	Nil	Nil	

2.—Cases in which DEFECTS were found.

(If defects are discovered at the premises on two, three or more separate occasions, they should be reckoned as two, three or more "cases.")

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (7)	M/c line No. (8)
		Found (3)	Remedied (4)	To H.M. Inspector (5)	Referred By H.M. Inspector (6)		
Want of cleanliness (S.1) ...	4	3	3	Nil	Nil	Nil	4
Overcrowding (S.2) ...	5						5
Unreasonable temperature (S.3) ...	6						6
Inadequate ventilation (S.4) ...	7	3	3	Nil	Nil	Nil	7
Ineffective drainage of floors (S.6)	8	6	6	Nil	Nil	Nil	8
Sanitary Conveniences (S.7)							
(a) insufficient ...	9	2	2	Nil	Nil	Nil	9
(b) Unsuitable or defective ...	10	8	8	Nil	Nil	Nil	10
(c) Not separate for sexes ...	11	Nil	Nil	Nil	Nil	Nil	11
Other offences against the Act (not including offences relating to Outwork) ...	12	12	12	Nil	Nil	Nil	12
TOTAL ...	60	34	34	Nil	Nil	Nil	60

PART VIII OF THE ACT.
OUTWORK (Sections 110 and 111).

Nature of Work (1)	M/c line No. (2)	Section 110			Section 111			M/c line No. (9)
		No. of out- workers in August list required by Sect. 110 (1) (c) (3)	No. of cases of default in sending lists to the Council (4)	No. of prosecu- tions for failure to supply lists (5)	No. of instances of work in unwholesome premises (6)	N'tices served (7)	Prose- cutions (8)	
Wearing apparel { Making, etc.	13	3	Nil	Nil	Nil	Nil	Nil	13
	14							14
The making of boxes or other recep- tacles or parts thereof made wholly or partially of paper	34	3	Nil	Nil	Nil	Nil	Nil	34
TOTAL	70	6	...	...	...	...	...	70

SUMMARY OF WORK OF DEPARTMENT.

Number of inspections and re-inspections (complaints and housing)	3057
Number of visits and re-visits to factories	211
Number of visits to bakehouses	16
Number of visits to dairies and milkshops, etc.	24
Number of informal notices served and letters, etc.	434
Number of visits to offensive trades	4
Number of visits to Hotels	6
Samples of milk submitted for bacteriological examination	10
Samples of ice cream submitted for bacteriological examination	10
Samples of milk taken under Food and Drugs Act	12
Cases of infectious disease visited and reported upon	18
Number of houses disinfected	17
Number of verminous houses disinfested for bugs	17
Number of verminous houses disinfested for other insects etc.	102
Number of visits to fish frying shops and wet fish shops	19
Number of visits to butchers' shops, food preparing places, ice cream premises and food hawkers, etc.	165
Number of visits to schools	8
Number of visits to Gispies Vans and Caravans	4
Number of visits to stable premises and garages	8
Number of visits to Pet Shops	4

DETAILS OF SANITARY IMPROVEMENTS AND
ABATEMENT OF NUISANCES.

Drains tested, repaired or renewed	54
Defective w.c. cisterns, pans, traps, water supply, etc.	109
Staircases repaired	4

Defective water supply to houses, etc., new taps, burst pipes, etc.	72
Defective floors in dwelling houses, etc.	34
Offensive accumulations	10
New ashbins provided	116
Insanitary yard surfaces	24
Walls and chimneys pointed and repaired	139
Defective eaves, gutters, R.W. pipes, etc.	90
New back boilers, storage cisterns and cylinders provided or repaired	14
Defective skirting and drainer boards repaired	10
Defective plasterwork and limewashing, etc.	68
Repairs to window sashes and frames, and lighting and ventilation improved	73
Leaky roofs (dwelling houses, etc).	124
New doors and repairs to doors	68
Fireplaces repaired or provided	26
New sinks or other sanitary fittings	27
Animals and Fowls kept to be a nuisance	3

FACTORIES ACT, 1937 and 1948.

Want of cleanliness... ..	3
Ineffective drainage of floors	6
Defective sanitary conveniences and insufficient	10
Other defects (burst pipes, walls, etc.)	12
Inadequate ventilation	3

In conclusion I wish to express my thanks to the Chairman and Members of the Health Committee and the staff for their continued support during the year.

I am, Ladies/Gentlemen,

Your obedient Servant,

H. HARRISON,

Chief Public Health Inspector.

